

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052825\
 Data File : PL095814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2025 15:12
 Operator : AR\AJ
 Sample : Q2128-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP03-MHMMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/29/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 02:23:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.570	2.884	52289155	64199496	16.572m	16.403
2) SA Decachlor...	9.097	8.059	38721107	72132542	16.433	16.489
Target Compounds						
2) A alpha-BHC	4.023	3.394	236.7E6	291.6E6	48.826	49.779
3) MA gamma-BHC...	4.355	3.728	218.2E6	274.9E6	48.800	49.072
4) MA Heptachlor	4.952	4.081	183.9E6	269.9E6	48.582	48.119
5) MB Aldrin	5.294	4.365	210.8E6	260.9E6	49.270	49.167
6) B beta-BHC	4.542	4.024	87121753	114.2E6	44.194	46.081
7) B delta-BHC	4.790	4.259	216.4E6	276.4E6	48.804	48.941
8) B Heptachlo...	5.716	4.867	186.8E6	238.1E6	48.931	48.224
9) A Endosulfan I	6.099	5.240	179.7E6	218.1E6	49.041	45.781
10) B gamma-Chl...	5.970	5.120	196.0E6	246.6E6	50.363	46.950
11) B alpha-Chl...	6.051	5.184	192.7E6	246.4E6	48.816	47.357
12) B 4,4'-DDE	6.221	5.371	173.2E6	252.5E6	47.230	47.097
13) MA Dieldrin	6.372	5.504	188.6E6	249.3E6	48.872	47.033
14) MA Endrin	6.599	5.779	153.5E6	225.4E6	47.556	46.232
15) B Endosulfa...	6.811	6.070	159.6E6	220.2E6	46.305	46.348
16) A 4,4'-DDD	6.731	5.923	145.3E6	195.7E6	49.573	44.637
17) MA 4,4'-DDT	7.046	6.176	126.2E6	216.9E6	46.652	45.350
18) B Endrin al...	6.941	6.247	117.9E6	164.0E6	48.748	47.465
19) B Endosulfa...	7.175	6.471	139.4E6	205.7E6	46.667	45.757
20) A Methoxychlor	7.519	6.746	60720541	115.2E6	47.612	44.017
21) B Endrin ke...	7.655	6.976	157.6E6	240.7E6	49.767m	46.531
22) Mirex	8.137	7.170	117.6E6	182.5E6	50.841	44.950

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052825\
Data File : PL095814.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2025 15:12
Operator : AR\AJ
Sample : Q2128-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

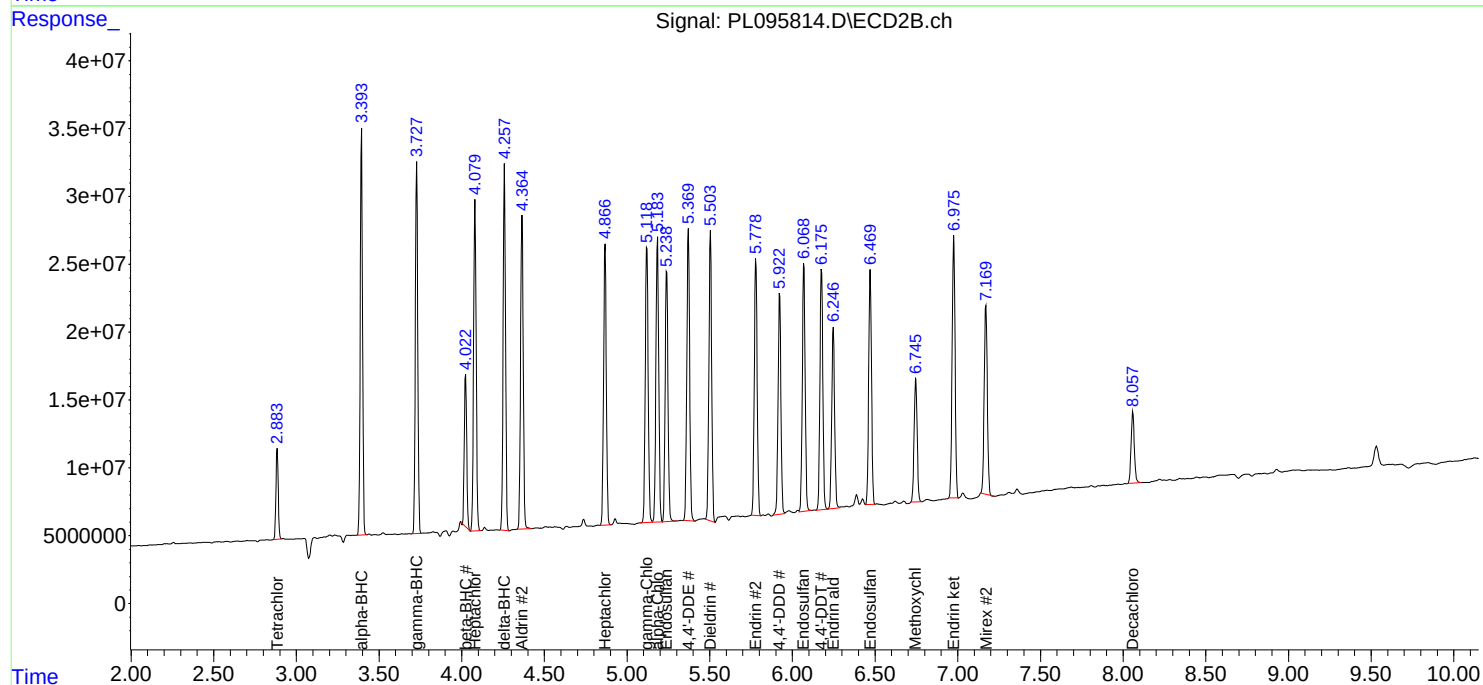
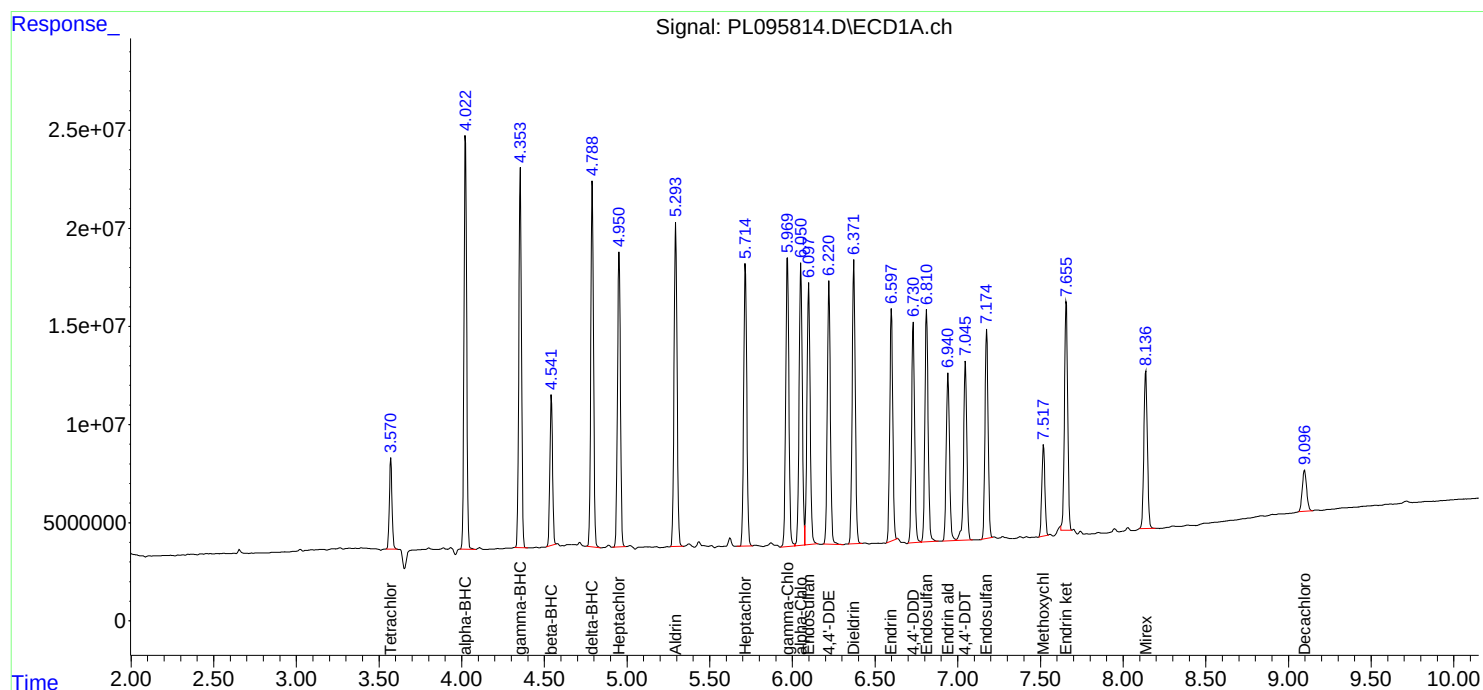
Instrument :
ECD_L
ClientSampleId :
TP03-MHMMS

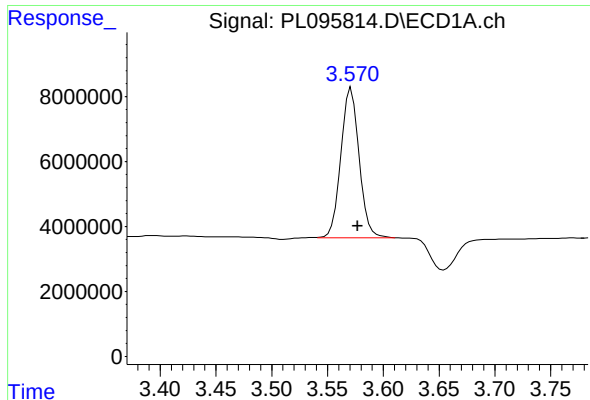
Manual Integrations
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Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 02:23:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





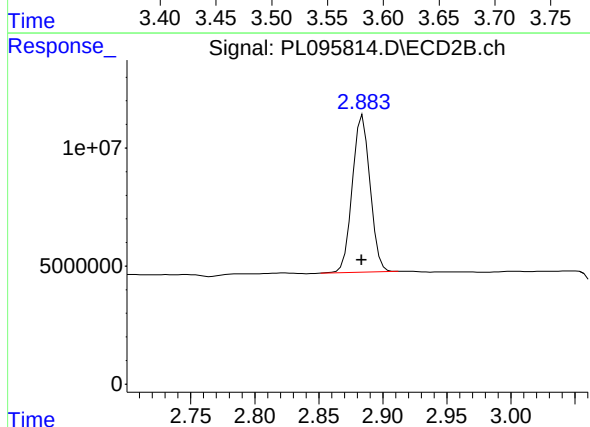
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: -0.007 min
Response: 52289155
Conc: 16.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMS

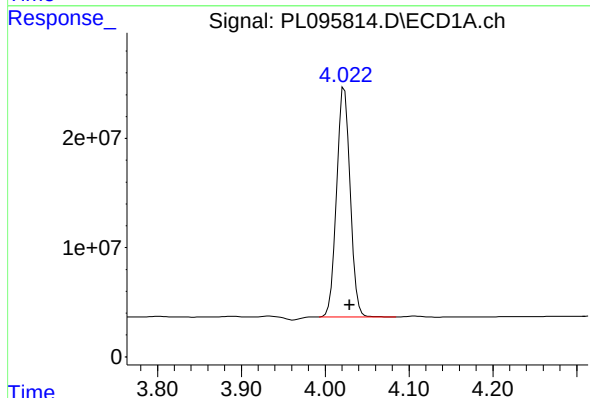
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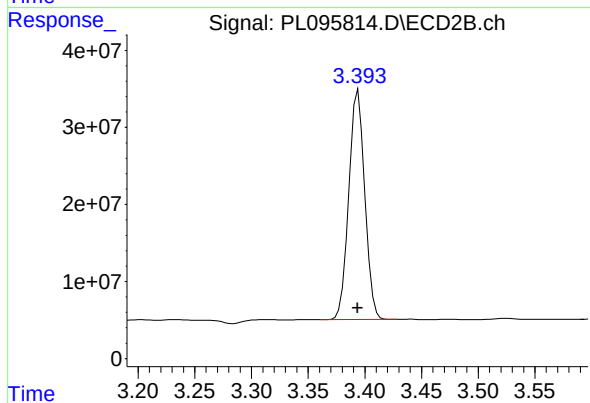
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 64199496
Conc: 16.40 ng/ml



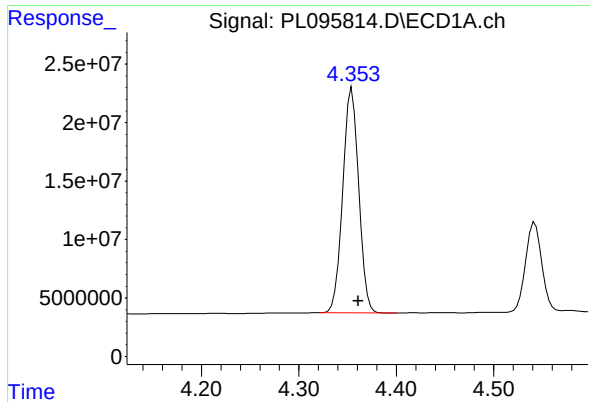
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 236707165
Conc: 48.83 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 291575206
Conc: 49.78 ng/ml



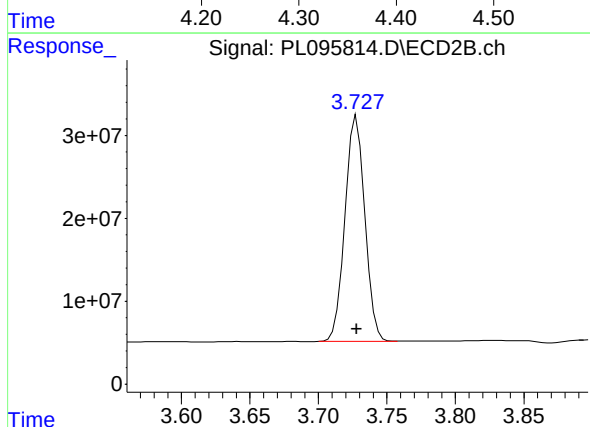
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.007 min
Response: 218224298
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMS

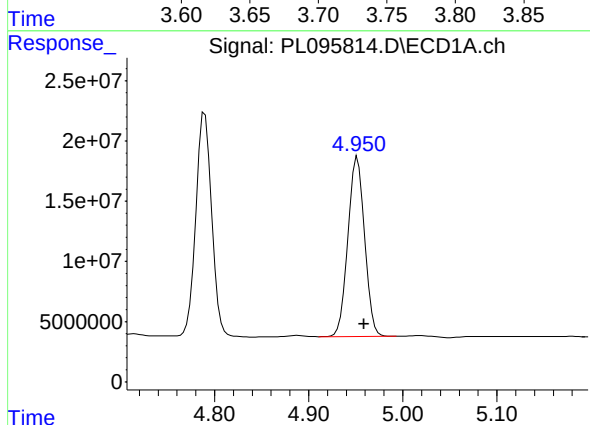
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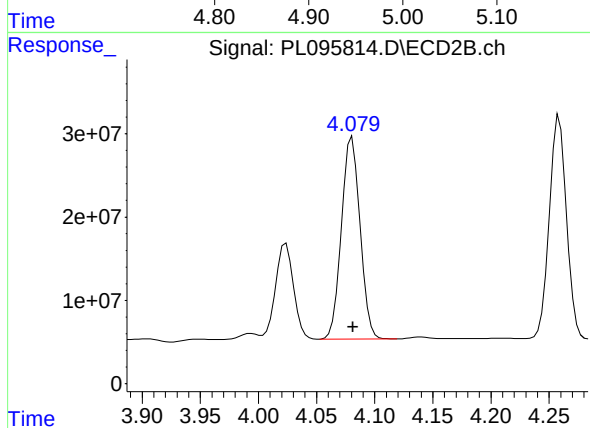
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 274864952
Conc: 49.07 ng/ml



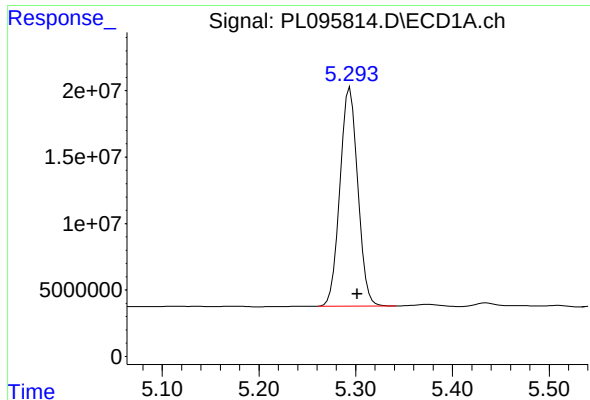
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: -0.007 min
Response: 183886321
Conc: 48.58 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 269901826
Conc: 48.12 ng/ml



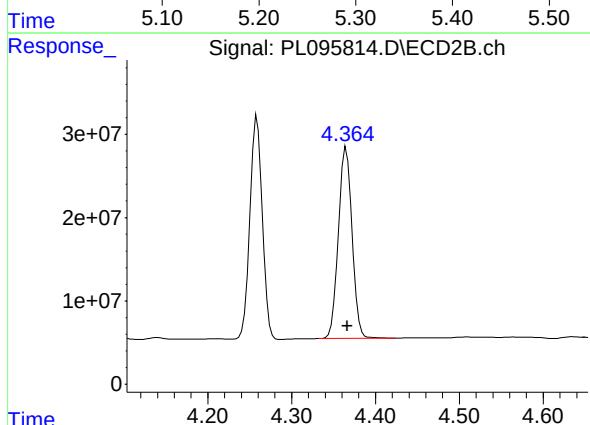
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: -0.007 min
Response: 210765839
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMS

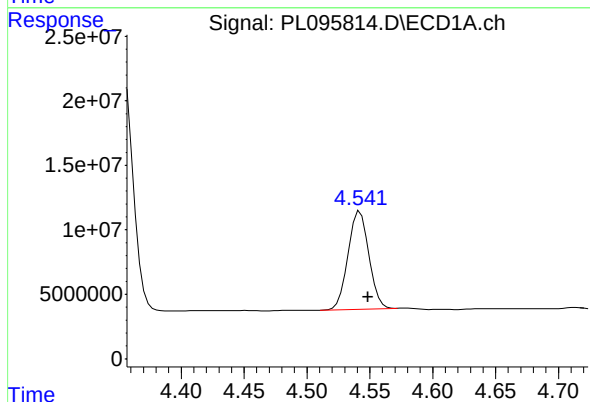
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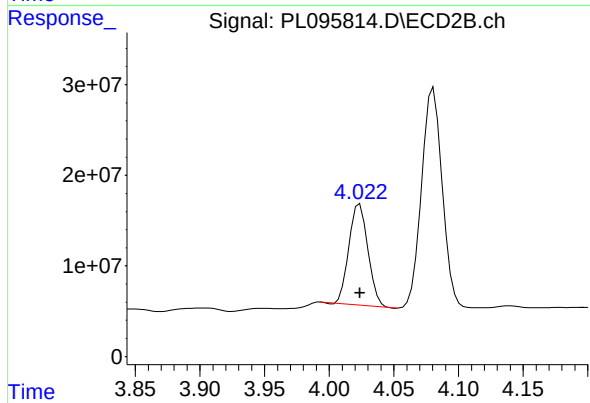
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.001 min
Response: 260932138
Conc: 49.17 ng/ml



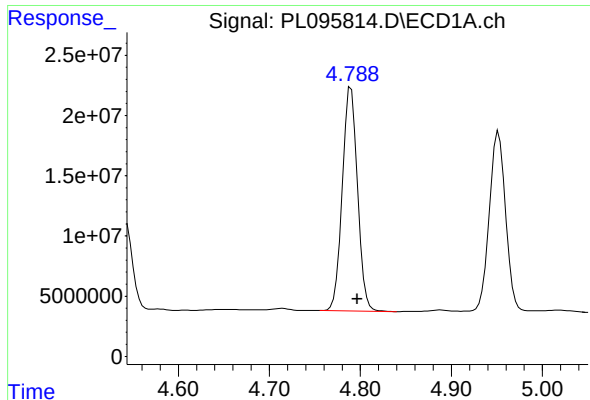
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: -0.007 min
Response: 87121753
Conc: 44.19 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 114168089
Conc: 46.08 ng/ml



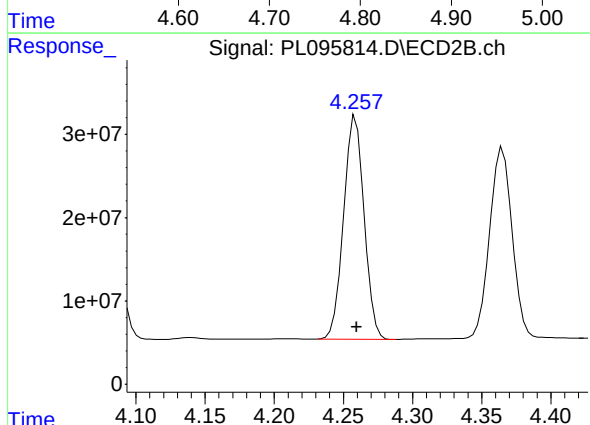
#7 delta-BHC

R.T.: 4.790 min
Delta R.T.: -0.007 min
Response: 216376607
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMS

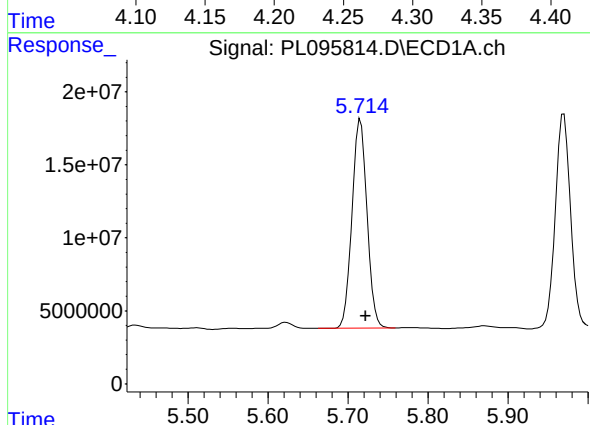
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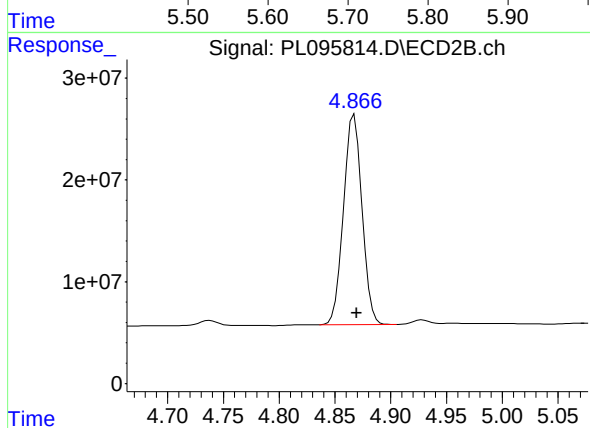
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 276385261
Conc: 48.94 ng/ml



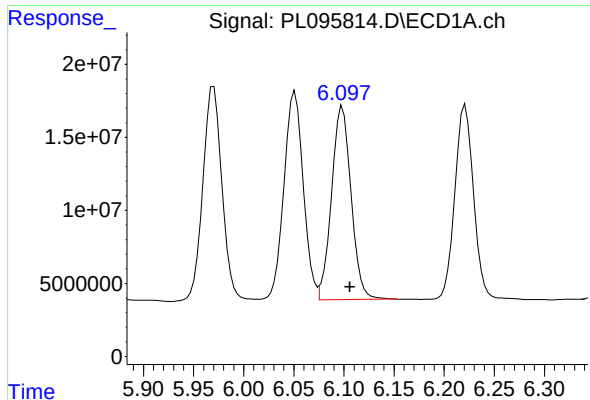
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 186762760
Conc: 48.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 238102870
Conc: 48.22 ng/ml



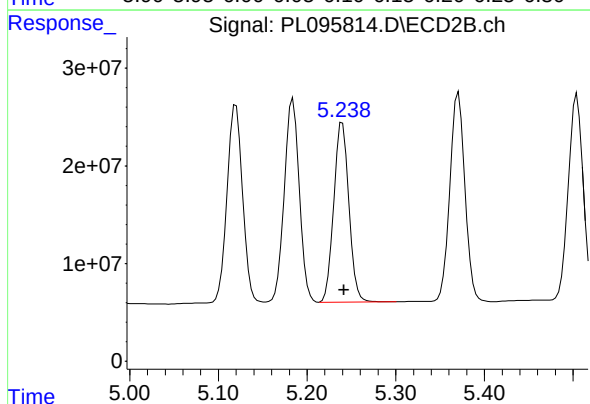
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: -0.007 min
Response: 179726423
Conc: 49.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMS

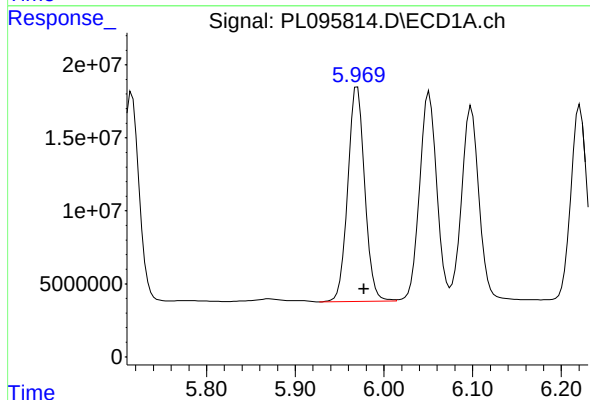
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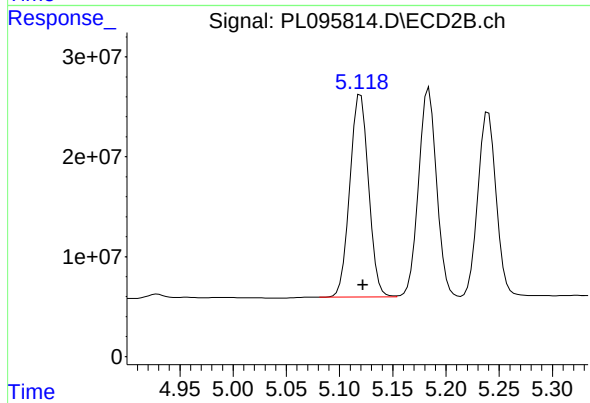
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 218147111
Conc: 45.78 ng/ml



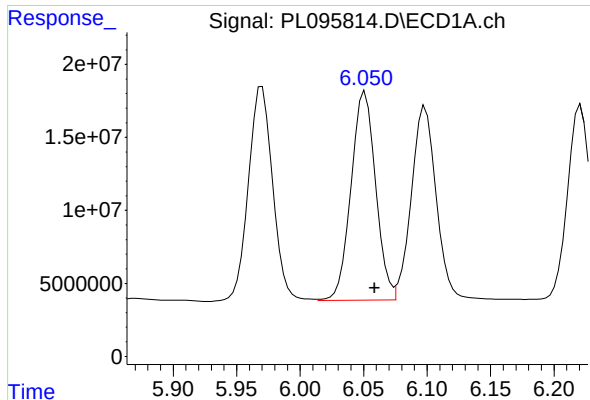
#10 gamma-Chlordane

R.T.: 5.970 min
Delta R.T.: -0.008 min
Response: 196018123
Conc: 50.36 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 246614745
Conc: 46.95 ng/ml



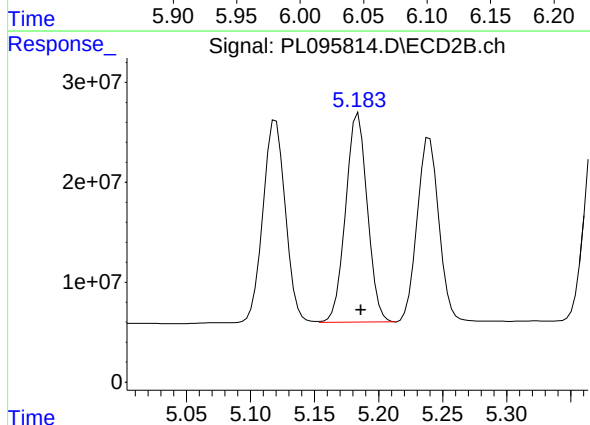
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: -0.008 min
Response: 192732352
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMS

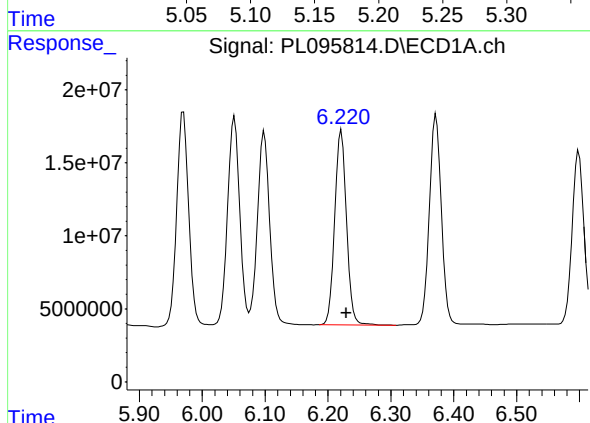
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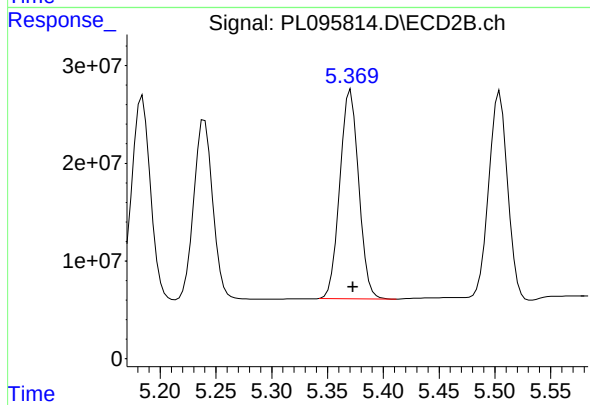
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 246384916
Conc: 47.36 ng/ml



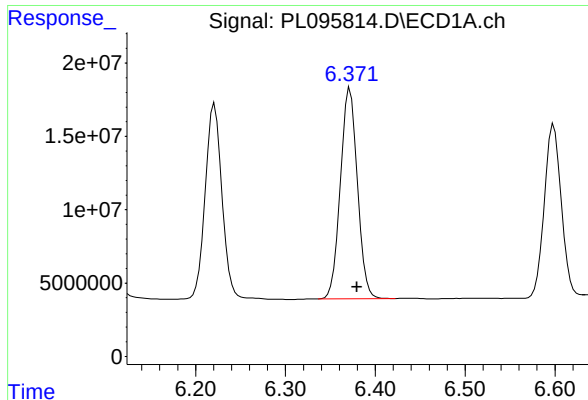
#12 4,4'-DDE

R.T.: 6.221 min
Delta R.T.: -0.008 min
Response: 173234408
Conc: 47.23 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 252542314
Conc: 47.10 ng/ml



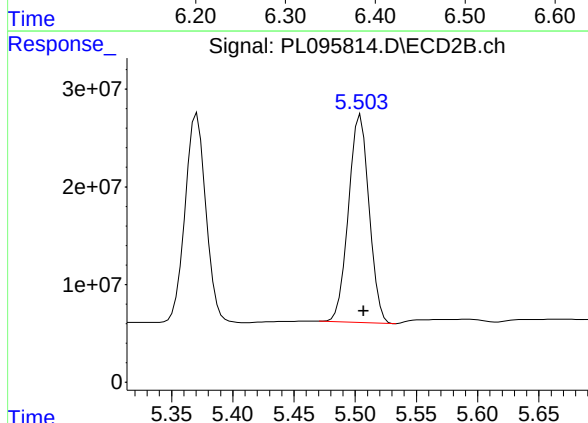
#13 Dieldrin

R.T.: 6.372 min
Delta R.T.: -0.008 min
Response: 188607671
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMS

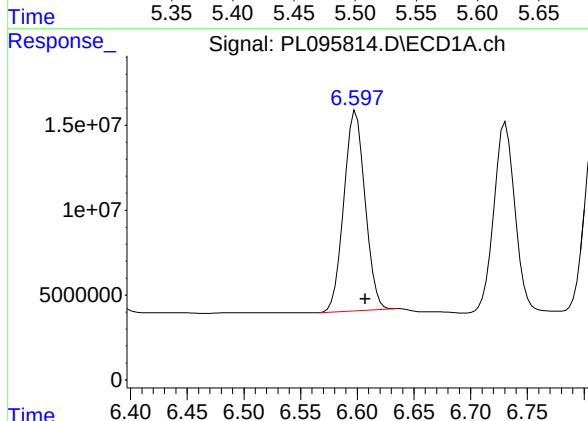
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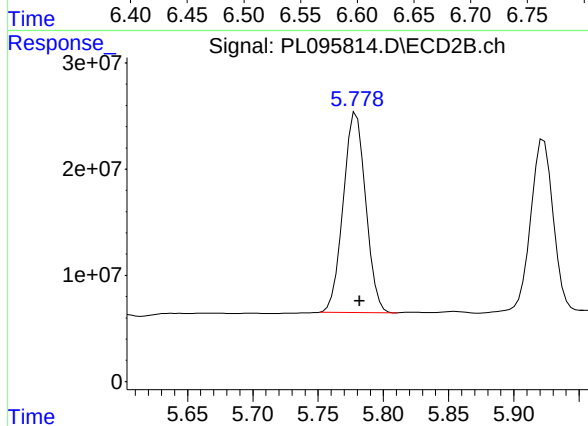
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 249282093
Conc: 47.03 ng/ml



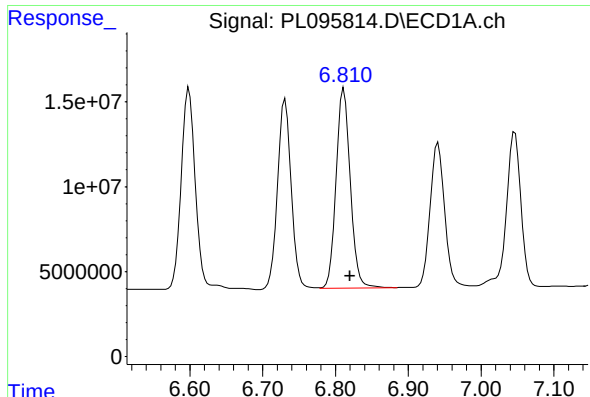
#14 Endrin

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 153450329
Conc: 47.56 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 225433809
Conc: 46.23 ng/ml



#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: -0.008 min
Response: 159569416
Conc: 46.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMS

Manual Integrations
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#15 Endosulfan II

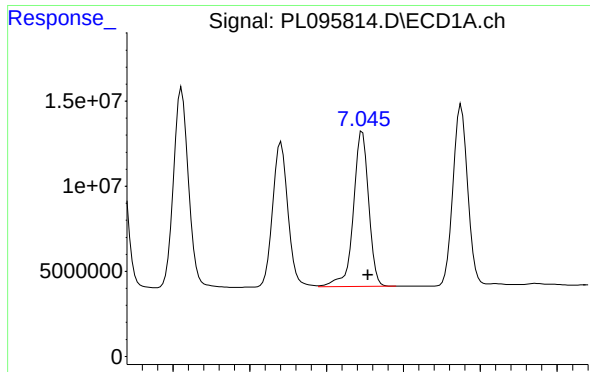
R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 220235410
Conc: 46.35 ng/ml

#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: -0.008 min
Response: 145277462
Conc: 49.57 ng/ml

#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 195732151
Conc: 44.64 ng/ml



#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.008 min
Response: 126201147
Conc: 46.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMS

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#17 4,4'-DDT

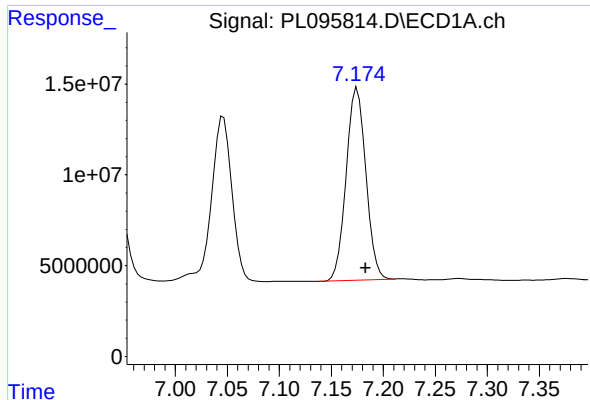
R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 216889552
Conc: 45.35 ng/ml

#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: -0.008 min
Response: 117854199
Conc: 48.75 ng/ml

#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 163958098
Conc: 47.47 ng/ml



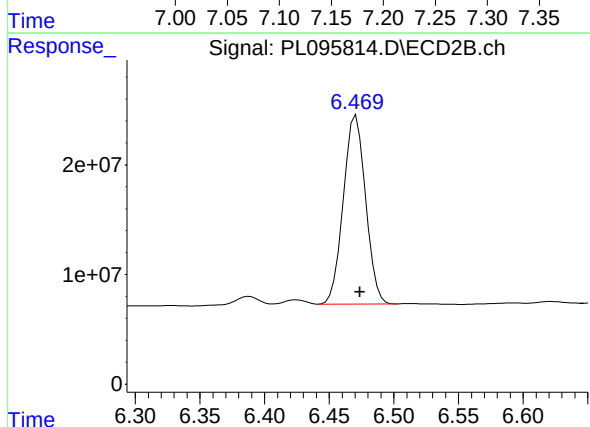
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 139389738
Conc: 46.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMS

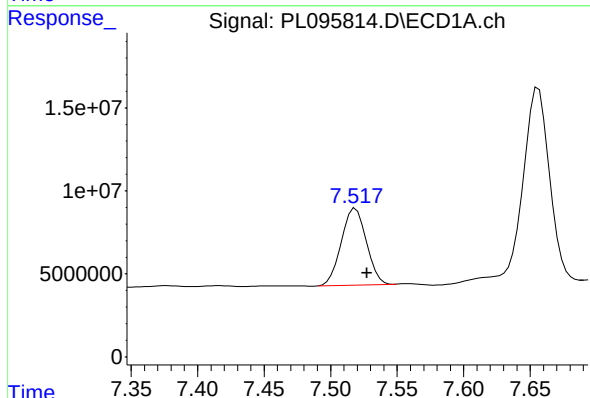
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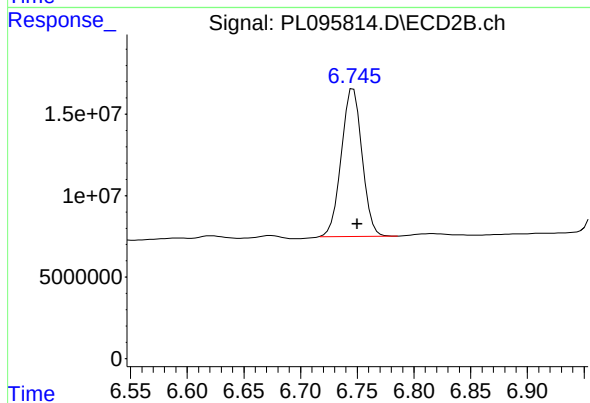
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 205668352
Conc: 45.76 ng/ml



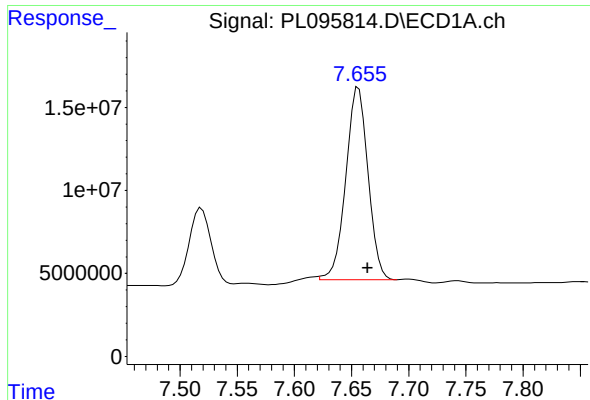
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: -0.009 min
Response: 60720541
Conc: 47.61 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 115153311
Conc: 44.02 ng/ml



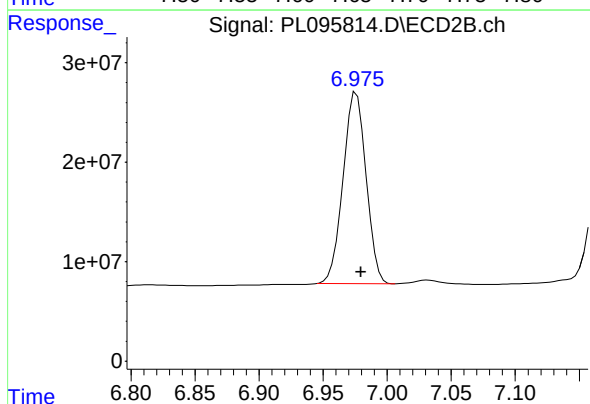
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: -0.009 min
Response: 157606239
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMS

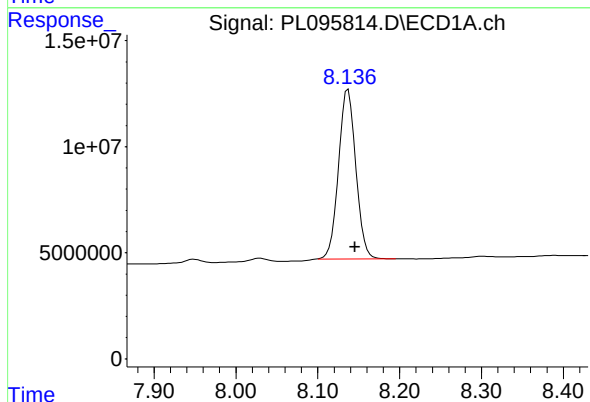
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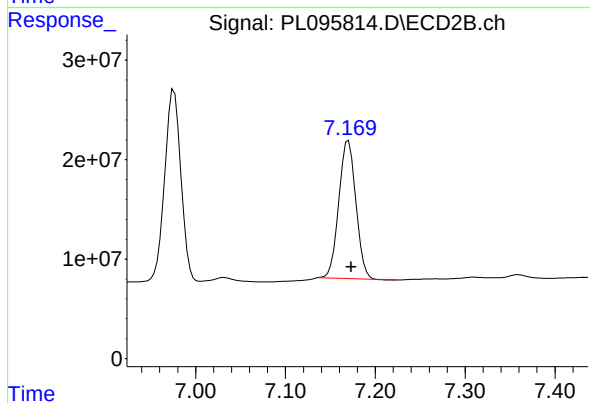
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 240745147
Conc: 46.53 ng/ml



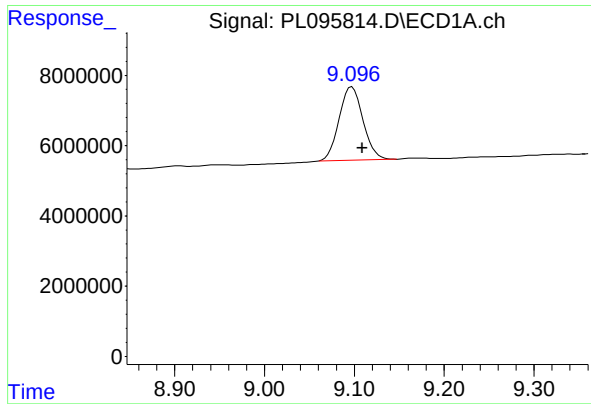
#22 Mirex

R.T.: 8.137 min
Delta R.T.: -0.008 min
Response: 117633570
Conc: 50.84 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 182520332
Conc: 44.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.097 min
Delta R.T.: -0.012 min
Response: 38721107
Conc: 16.43 ng/ml

Instrument :

ECD_L

ClientSampleId :

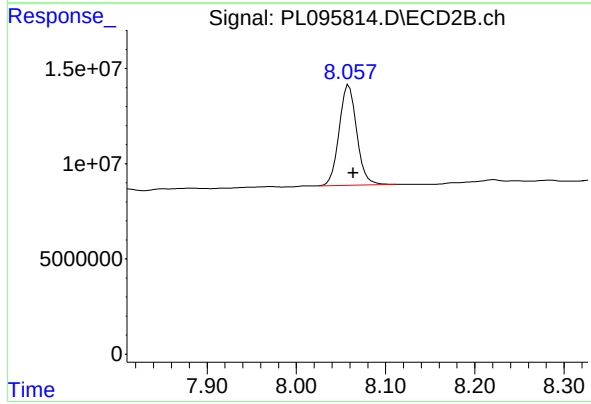
TP03-MHMMS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/29/2025

Supervised By :mohammad ahmed 05/30/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 72132542
Conc: 16.49 ng/ml